

# Ron Mello

## Senior Full Stack PHP/Laravel Developer

Providence, Rhode Island

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## SUMMARY

An experienced Full-Stack PHP Developer with a strong background in developing web applications using Laravel, PHP, MySQL and other related technologies. Proficient in MVC frameworks, particularly Laravel, with experience in developing RESTful APIs and integrating with third-party services. Adept in using version control systems such as Git, and experienced in front-end technologies such as HTML, CSS and Bootstrap. Possess excellent problem-solving skills and a strong ability to work in a team environment, coupled with United States Marine Corps leadership experience.

## EXPERIENCE

### Full-Stack PHP Developer

RMelloDesign.com, Providence, Rhode Island 2013-Present

- Developed Laravel web applications using OpenAI, JSON and Guzzle utilizing gpt-3.5-turbo-instruct and other models for text generation and also image generation.
- Developed RESTful APIs for integrating with third-party services such as payment gateways, shipping providers, and CRM systems.
- Implemented database optimization techniques to improve the performance of the application, resulting in faster query execution and reduced server load.
- Developed custom modules and plugins for the application, and provided technical support to clients on the usage of the system.
- Collaborated with the design team to implement responsive and user-friendly interfaces using HTML, CSS, JavaScript, Vue.js and Bootstrap.
- Worked with a distributed team of 6 developers for a pharmacy group using Ubuntu, PHP/PostgreSQL, Jasper Reports, Firebird PDO, GIT.
- Worked on a distributed team, developing Laravel using Vagrant, AWS, JIRA, GIT and Slack.
- Led the conversion of existing CodeIgniter systems to Laravel and OctoberCMS.
- Successfully developed a Laravel PHP web application for real estate using Vue.js and Bootstrap for the front-end user experience.
- Participated in RESTful API development and testing with 3rd party vendors.
- Developed a variety of Node.js and Laravel systems.
- Developed various WordPress and eCommerce websites, using WooCommerce.
- Daily Linux system administration for AWS, Linode and cPanel (CLI).
- Led the development of a web-based application using Laravel framework that enabled clients to manage their inventory and sales data more efficiently, replacing the vanilla PHP existing system.

### IS Lead Applications Developer

CVS Caremark, Woonsocket, Rhode Island

2012 – 2013

- Developed JAVA enterprise applications with Eclipse, JSP, Spring, Struts, Hibernate, ANT, SVN and SWING GUI.
- Contributed to store systems support.

### **Senior Research Engineer**

Bradley Hospital/Women & Infants Hospital, Providence, Rhode Island September 2004 – September 2006

- Redesigned a kinematics system consisting of IR lights/cameras, and CCTV cameras.
- Designed of ECG/Respiration system, encompassing professional digital video and audio.
- Built the departmental website.
- Developed MATLAB routines to perform analysis of infant cry signal energies in the time and frequency domains.
- Developed C/C++ routines to post-process various types of physiological data.
- Implemented MATLAB used in the post-processing of MRI data sets.

### **Electrical Engineer II**

Raytheon, Portsmouth, Rhode Island 1999 – 2003

- Responsible for the development of C and assembly code for farms of TITMS320C4x digital signal processors using Code Composer Studio and the SPOX real-time operating system
- Redesigned C routines to improve performance by 70%.
- Designed MATLAB/C++/JAVA applications to model RF sensor performance.
- Developed C programs for a side-lobe detection algorithm within the signal processing and target identification stages of a system.
- Programming of software packages in C++ for radar system performance modeling.
- Implemented a signal processing discussion group for all levels of expertise to exchange ideas and share technical knowledge.
- Mentored new Engineers joining the team.

### **SKILLS**

PHP, MySQL, Laravel, APIs, Node.js, NPM, Composer, GIT, Python, AI, HTML, CSS, JavaScript, Vue.js, Bootstrap, PHPUnit, Linux Server Administration, Jira, Trello

### **EDUCATION**

Bachelor of Science in Electrical Engineering, University of Rhode Island, 1998

Associate in Science in Engineering, Community College of Rhode Island, 1995

Veteran of the United States Marine Corps